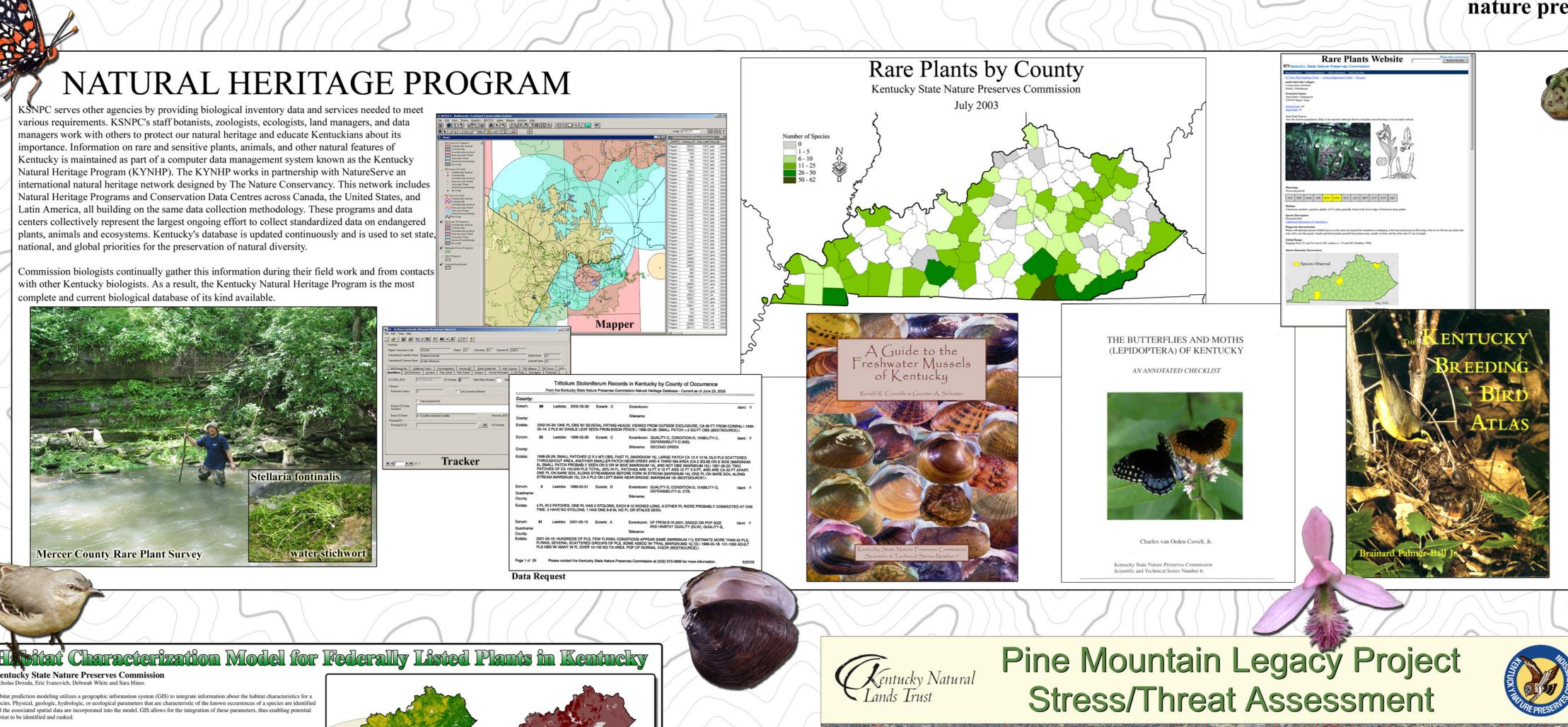
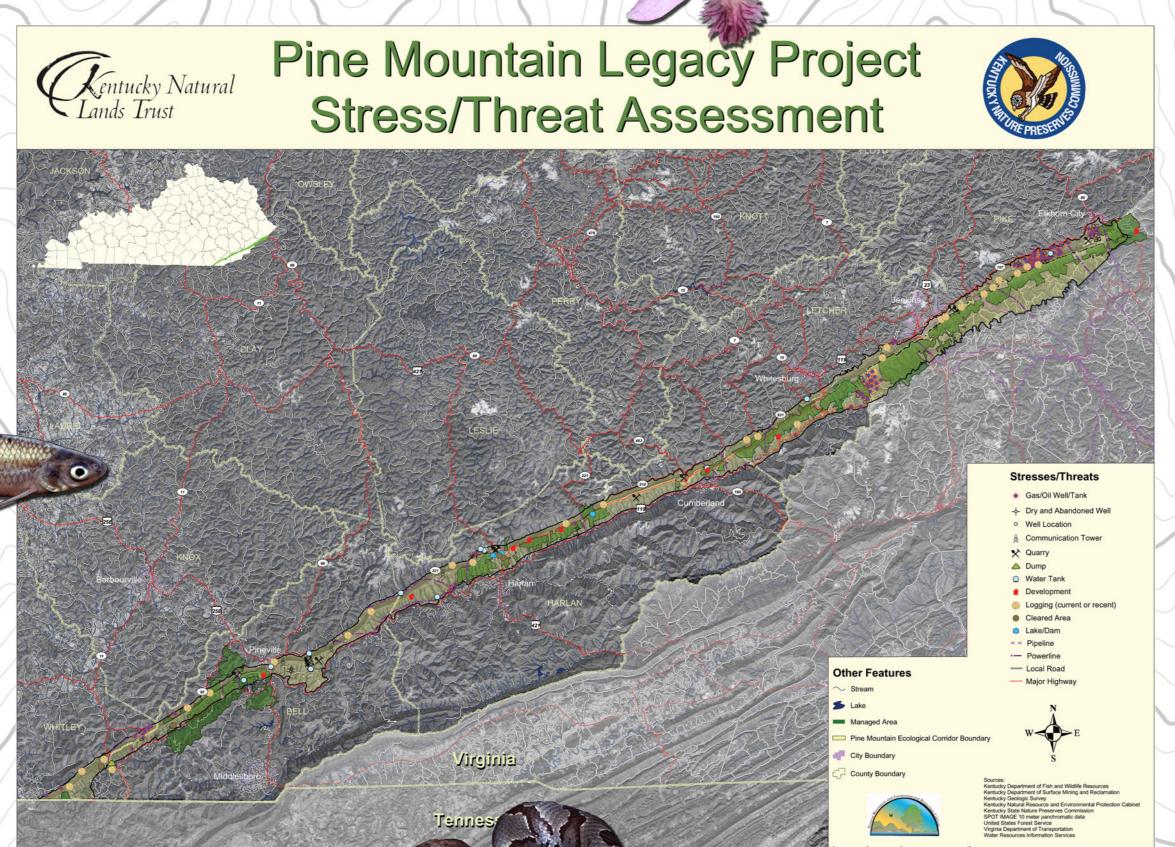
KENTUCKY STATE NATURE PRESERVES COMMISSION

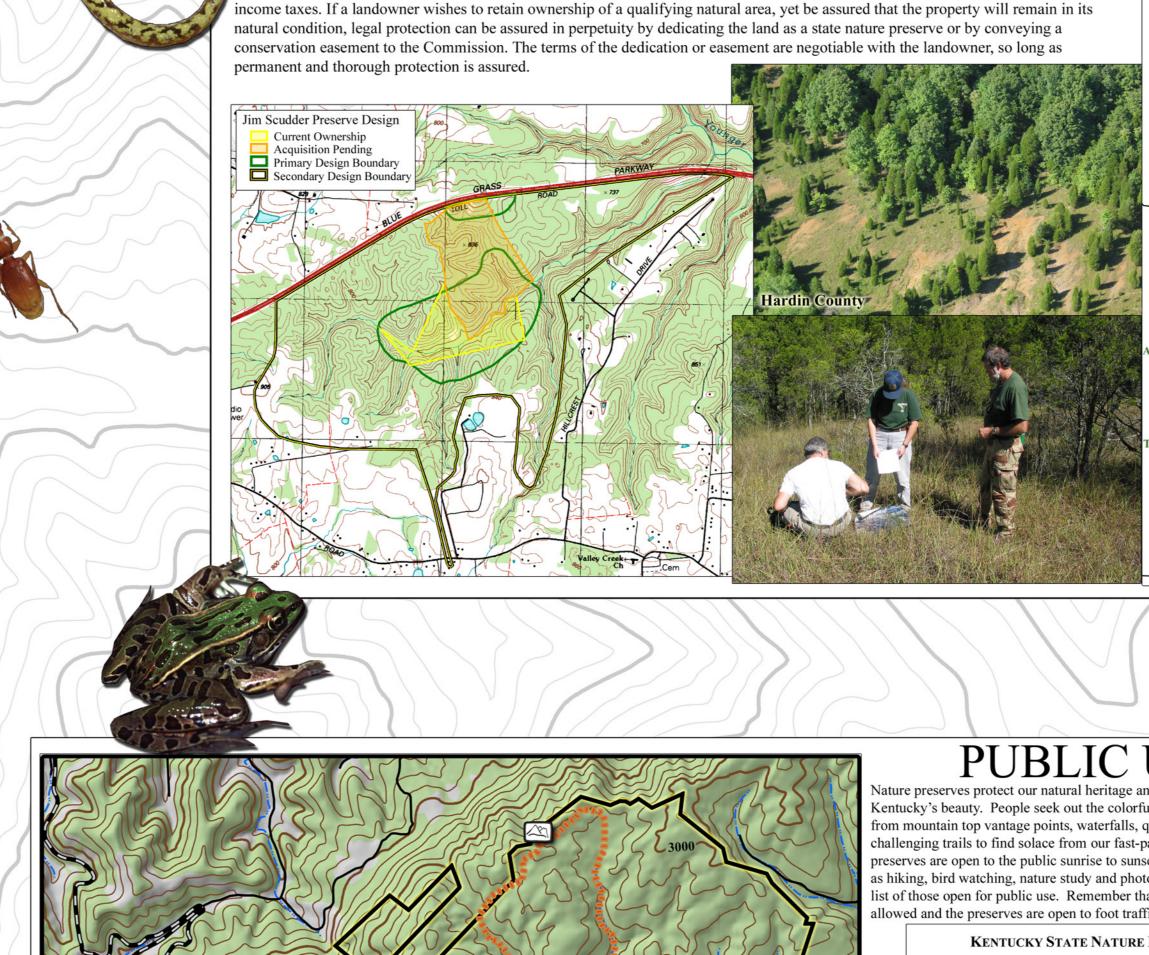
Geographic Information Systems assist KSNPC in meeting its mission to:

Protect Kentucky's natural heritage by (1) identifying, acquiring, and managing natural areas that represent the best known occurrences of rare native species, natural communities, and significant natural features in a statewide nature preserve system; (2) working with others to protect biological diversity; and (3) educating Kentuckians as to the value and purpose of nature preserves and biodiversity conservation.





--January 2002--



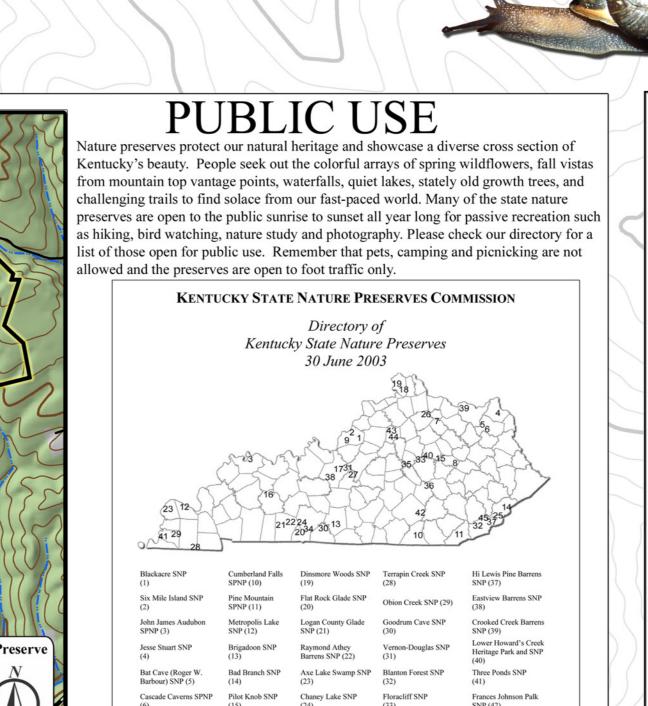
LAND PROTECTION and ACQUISITION

concerned citizens. In every instance, however, land protection by the Commission is accomplished with the full cooperation of

the Commission can purchase ecologically significant property from willing sellers for inclusion in the nature preserves system.

landowners. Landowners are offered a variety of choices if they are interested in protecting a qualifying natural area. For example,

andowners may also choose to donate or sell their property at less than fair market value, thereby qualifying for a deduction on their



Blue Licks SPNP Cypress Creek SNP Kingdom Come SPNP Woodburn Glade SNP River Cliffs SNP

Natural Bridge SPNP Jim Scudder SNP Quiet Trails SNP Tom Dorman SNP Julian Savanna SNP (17) (26) (35) (44)

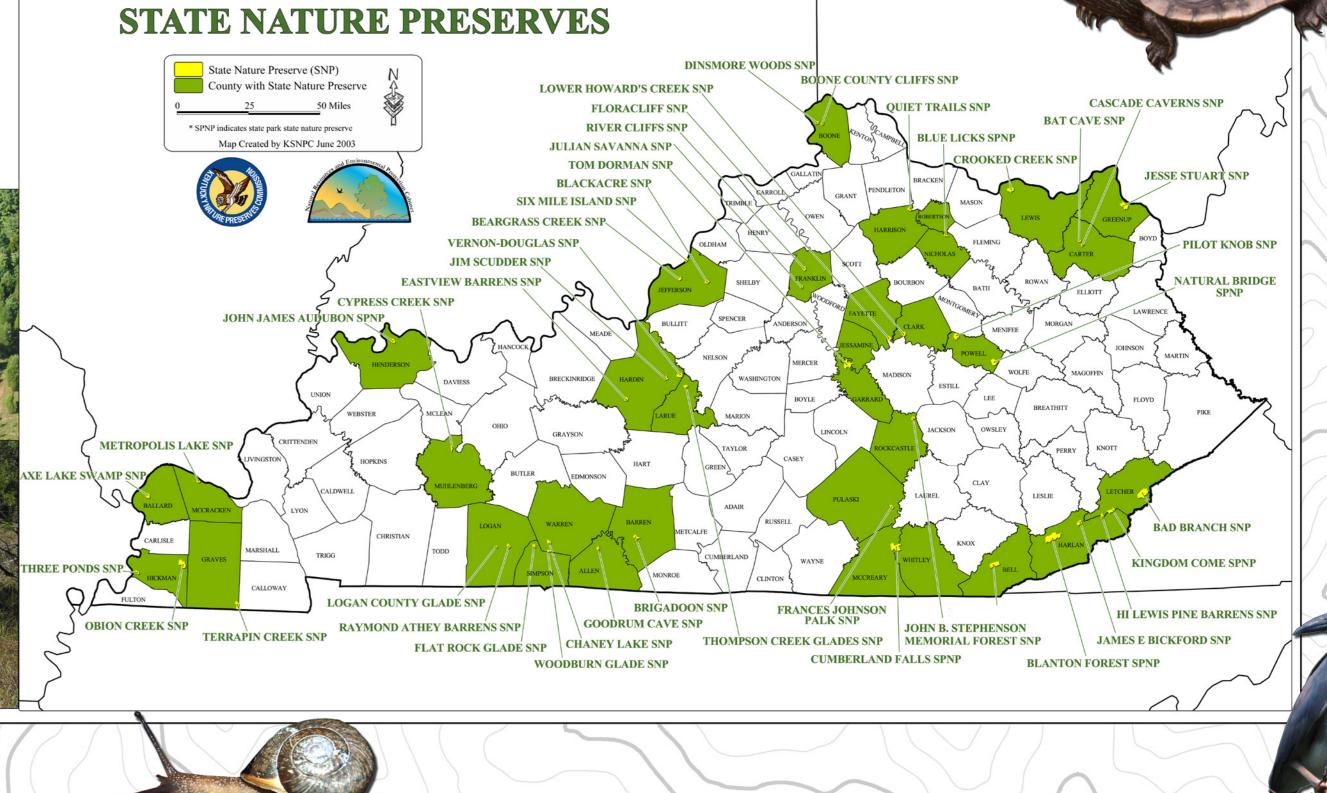
Beargrass Creek SNP Boone County Thompson Creek Glades SNP (27)

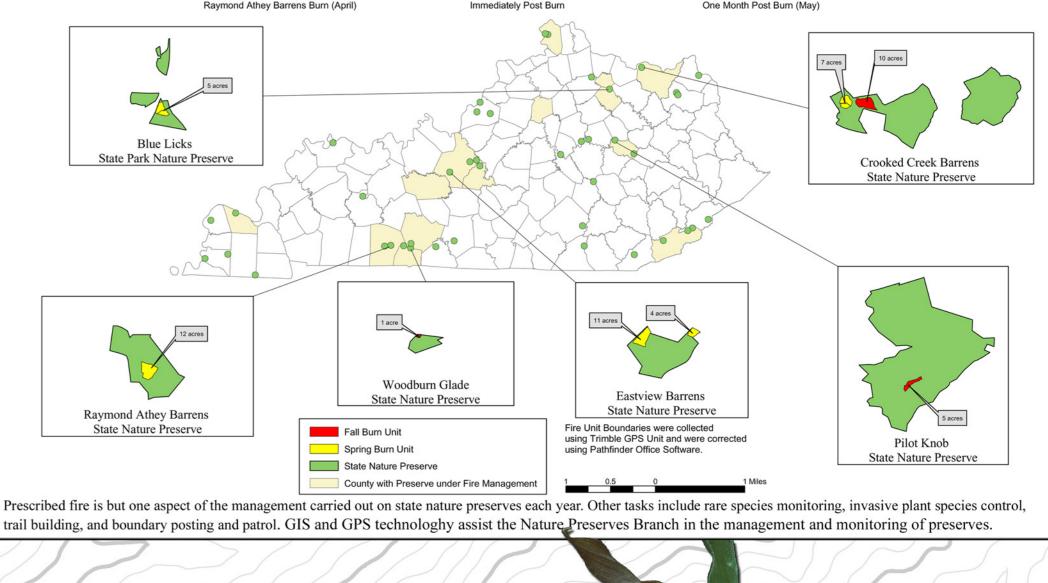
Boone County Cliffs SNP (18)

Glades SNP (27)

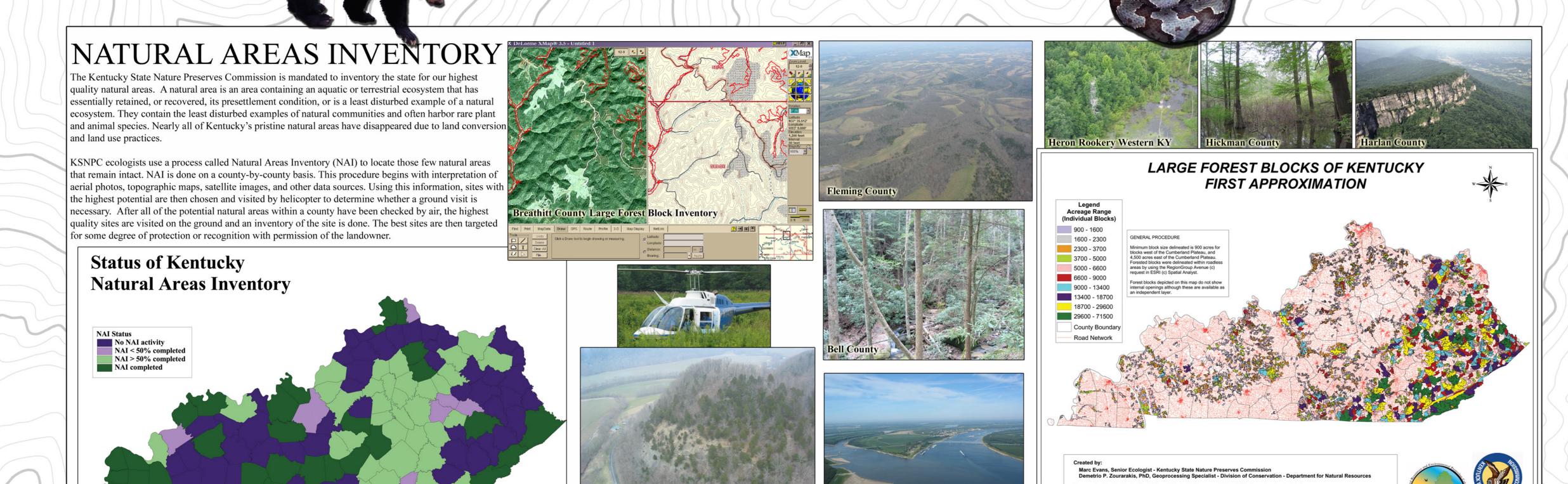
John B. Stephenson James E. Bickford SNP (45)

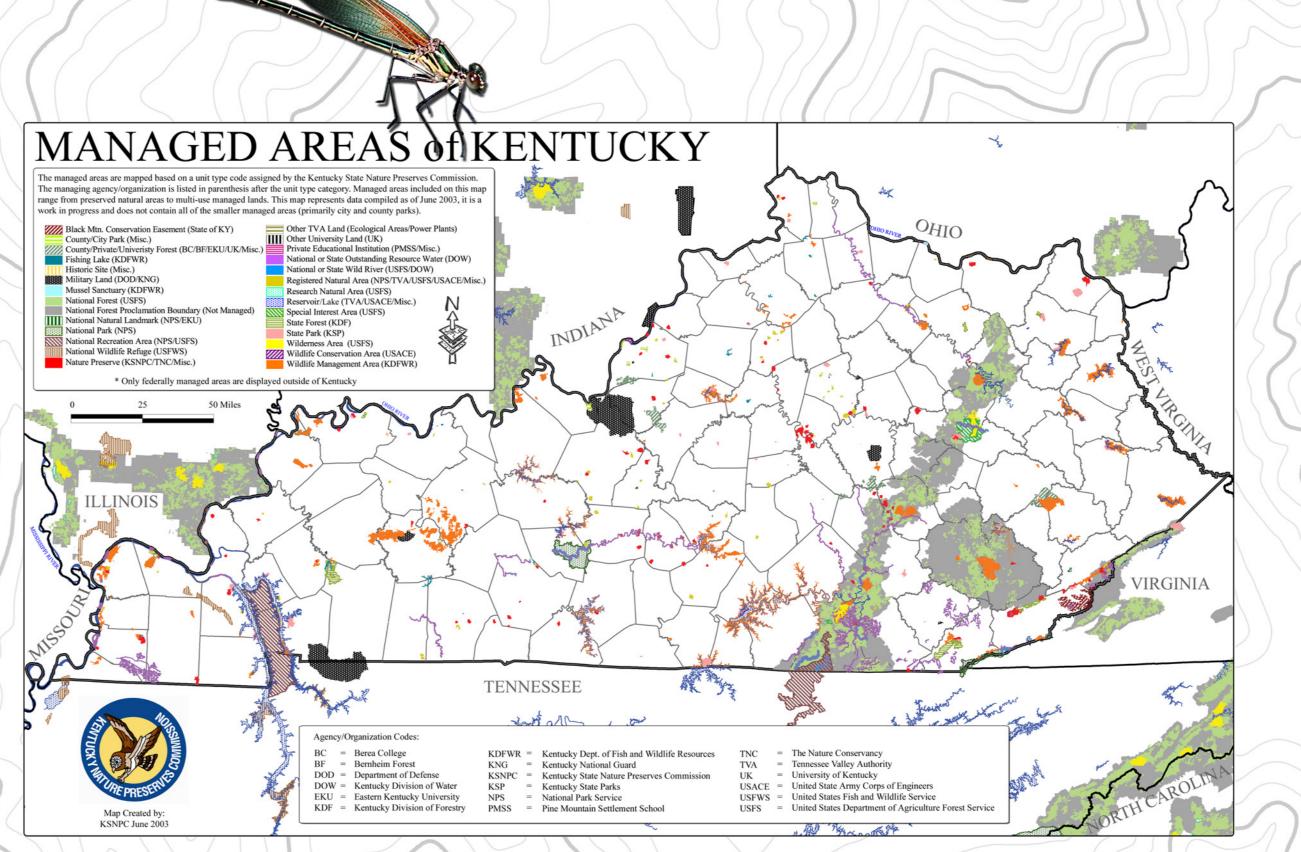
Numbers indicate chronological order of acquisition. SPNP indicates state park state nature preserve.



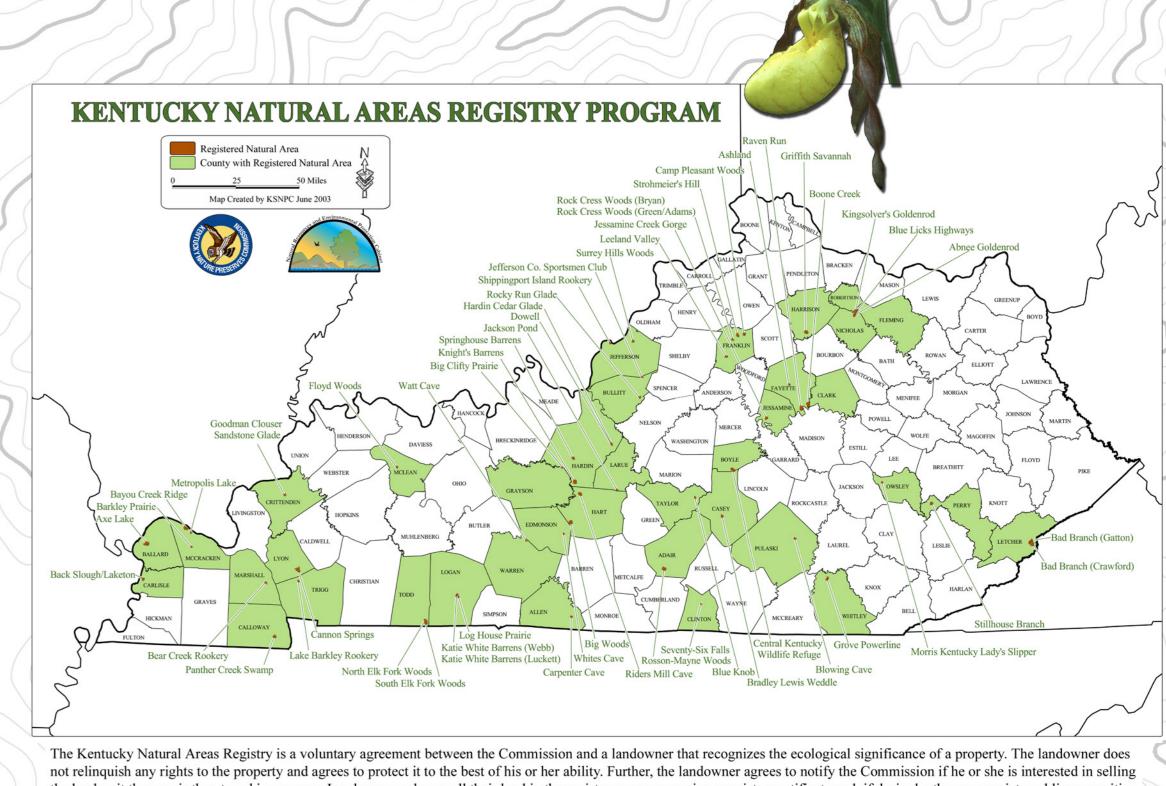


FIRE MANAGEMENT





Map Created by KSNPC June 200



not relinquish any rights to the property and agrees to protect it to the best of his or her ability. Further, the landowner agrees to notify the Commission if he or she is interested in selling the land or it the area is threatened in any way. Landowners who enroll their land in the registry program receive a registry certificate and, if desired, other appropriate public recognition.

KSNPC maintains a spatial database of register natural areas in the state.

First row (left to right): Axe Lake Swamp SNP(KSNPC files), Bad Branch SNP (James Archambeault)
Second row (left to right): Baltimore checkerspot - Euphydryas phaeton (Ellis Laudermilk), Green salamander - Aneides aeneus (John MacGregor), False map turtle - Graptemys pseudogeographica (Brainard Palmer-Ball, Jr.)
Third row: Roger's cave beetle - Pseudanophthalmus rogersae (Ellis Laudermilk)
Forth Row (left to right): Northern mockingbird - Minus polyglottos (Leisa Royse), Pyramid pigtoe - Pleurobema rubrum (Ron Cicerello), Rose pogonia - Pogonia ophioglossoides (Marc Evans), Northern leopard frog - Rana pipiens (Brainard Palmer-Ball, Jr.), White-lip globe - Mesodon thyroidus (Ellis Laudermilk), Black-crowned night-heron - Nycticorax nycticorax (Philippe Roca)
Fifth Row: Cypress minnow - Hybographys havi (Ron Cicerello)

Sixth Row(left to right): American black bear - Ursus americanus (KSNPC files), Copperhead - Agkistrodon contortrix (Julian Campbell), American rubyspot - Hetaerina americana (Ellis Laudermilk), Large yellow lady's-slipper - Cypripedium calceolus var. pubescens (John MacGregor)

occurrence of the species. Modeled habitat areas were given a "score" based on the number of parameters that

he objective of this work was to develop habitat models for nine federally listed plant species in Kentucky

asets were utilized to characterize the potential habitat sites (the numbers in parentheses indicate the

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